

## **Executive Summary:**

A construction inspection was performed on Johnson's Corner Terminal in McKenzie County. Inspected areas were in good condition and care has been taken to minimize impacts. No deficiencies noted.

Site/Project Location: Johnson's Corner Terminal

Date of Inspection: 22 November 2016

## **Observed Work / Weather Conditions**

Visit occurred between 11:30 a.m. – 12:30 p.m. Weather was overcast with restricted visibility. No precipitation during visit. NNW wind at 10 mph. Terminal surface was wet. Temperature was 32° F.

Tank and ancillary facility construction at site continues. Care was taken around terminal boundaries.

## Topsoil Management / Condition / Erosion Control / Storm Water Management

Topsoil and subsoil segregation adequate throughout the area. No evidence of topsoil and subsoil mixing or improper replacement was observed. Erosion controls had been installed near culverts, slopes, and drainage pathways. Erosion control measures all appeared to be in good repair and working properly.

#### **Vegetation Condition**

Vegetation removal and topsoil stripping was complete. Keitu noted on January 29, 2016 likelihood of tree and shrub removal based on discussions site staff. On this date, it appeared construction of the two access roads occurred. Chokecherry (*Prunus virginiana*) was identified as the likely dominant species cleared.

## Depth of Cover / Road Crossings / River Crossings / Riparian Condition at HDD Bore Sites

The pipe was lowered in and backfilled for the entire length of the inspection area. No bore or road crossing construction activity was observed at this site.

#### **Other Project Issues**

Tree and Shrub Inventory/Mitigation Plan submitted by Dakota Access, LLC, only committed shrub impacts to be mitigated by natural regeneration but signed order provisions requires cleared shrubs to be replaced at a 2:1 ratio with stem cuttings. This mitigation gap reported previously to PSC staff.

#### **Deficiencies**

None to report.

## Actions Taken/To Be Taken

As Built Inspection to confirm shrub mitigation actions consistent with order, not submitted plan.

Keitu Inspector: KRF

**Reviewed by Project Lead:** 

#### Submitted: 30 November 2016

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Keitu Engineers & Consultants, Inc.

Kathleen Spilman, P.E.

## Report Photo #1 Access Cleared through Trees/Shrubs

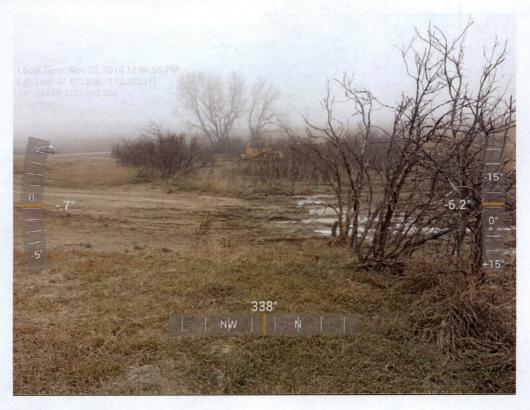


Report Photo #2 Second Access Cleared through Shrubs

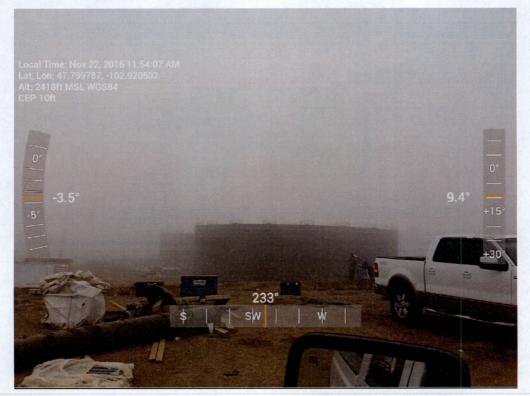


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## Report Photo #3 View of the Two Accesses



## **Report Photo #4 Tanks under Construction**



# Report Photo #5 Construction Crews Working Onsite



**Project Map Inspection Locations:** 

Johnson's Corner Terminal

